Miniaturized Digital EVA Radio, Phase I

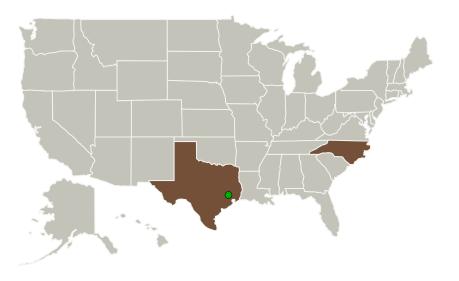
Completed Technology Project (2010 - 2010)



Project Introduction

Bennett Aerospace and Team Partners propose to develop a small, lightweight, and very power-efficient mobile radio for use on the Lunar surface. Our Team will achieve a design that meets NASA size and mass requirements while reducing power consumption by more than 90%. We will accomplish this through innovative approaches in power management and RF front end design.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Туре	Location
Bennett Aerospace, LLC	Lead Organization	Industry Small Disadvantaged Business (SDB), Women- Owned Small Business (WOSB), Veteran-Owned Small Business (VOSB), Minority-Owned Business	Cary, North Carolina
Johnson Space Center(JSC)	Supporting Organization	NASA Center	Houston, Texas



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Small Business Innovation Research/Small Business Tech Transfer

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Primary U.S. Work Locations		
North Carolina	Texas	

Project Transitions

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January 2010: Project Start



July 2010: Closed out

Closeout Documentation:

• Final Summary Chart(https://techport.nasa.gov/file/139237)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

Bennett Aerospace, LLC

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

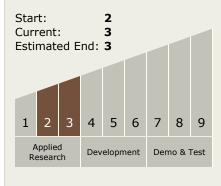
Program Manager:

Carlos Torrez

Principal Investigator:

Douglas H Bennett

Technology Maturity (TRL)





Small Business Innovation Research/Small Business Tech Transfer

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Technology Areas

Primary:

Target Destinations

The Moon, Mars, Outside the Solar System, The Sun, Earth, Others Inside the Solar System

